

Converting Colors

Hex(118E83)

Have a look what the booklet for
Hex(118E83) contains.

Hex(118E83)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(118E83)

Conversions

Conversions Part 1

Format	Color
Hex	118E83
RGB	17, 142, 131
RGB Percent	7%, 56%, 51%
CMY	0.9333, 0.4431, 0.4863
CMYK	0.88, 0.00, 0.08, 0.44
HSL	175°, 79%, 31%
HSV	175°, 88%, 56%
XYZ	14.0009, 21.1039, 24.8083
YIQ	103.3710, -70.9690, -29.9210

Conversions

Conversions Part 2

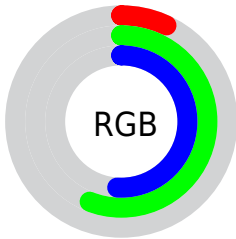
Format	Color
RYB	17, 82, 142
Decimal	1150595
CIELab	53.06, -33.62, -3.08
CIELCh	53, 33.762, 185.234
Yxy	21.1039, 0.2337, 0.3522
Android (android.graphics.Color)	4279340675 (0xFF118E83)
YUV	103.3710, 13.6211, -75.7474
Hunter-Lab	45.9389, -25.9914, 0.1391

Details

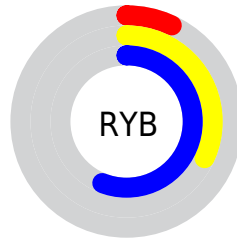
The Hex color **118E83** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8E111C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5AC4B8**, and **005B52** is the 20% darker color. If you saturate the color by 10%, you get **038E82**, and if you desaturate by 10%, it is **1F8E84**.

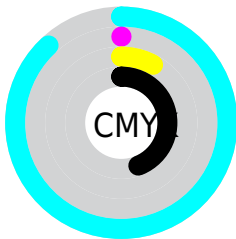
Distribution



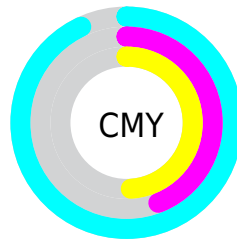
- Red (7%)
- Green (56%)
- Blue (51%)



- Red (7%)
- Yellow (32%)
- Blue (56%)



- Cyan (88%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)




- Cyan (93%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 118E83 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 118E83 by changing the saturation by 10% instead.

 118E83

 118E83

FFFFFF

 00746A

 5AC4B8

 005B52

 77E1D4

 00433B

 94FDF0

 002C25


 B1FFFF

 001311

 CFFFFFF

 000000

 EFFFFFF

 118E83

 118E83

 038E82

 1F8E84

■ 008E82

■ 2D8E85

■ 3C8E87

■ 4A8E88

■ 588E89

■ 668E8A

■ 748E8C

■ 838E8D

■ 918E8E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



498C65



118E83



008D9F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



118E83



8875AE



A5754A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



118E83



8E111C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B46B5F



118E83



A76B98

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



118E83



5B80B8



B6677B



8C7F44

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



118E83



008AAE



B6677B



AB7150

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



118E83



88B8B3



1E8E11



3F5C59



DBDBDB



5C5C5C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



118E83



00B8A7



115C8E



404747



00877B



000807

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8E111C



B80010



8E4311



474041



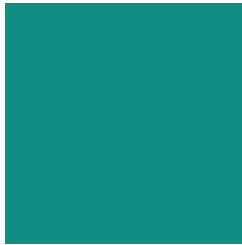
87000C



080001

Previews

White Background



This preview shows how the Hex color 118E83 looks on a white background.

Color Contrast Check

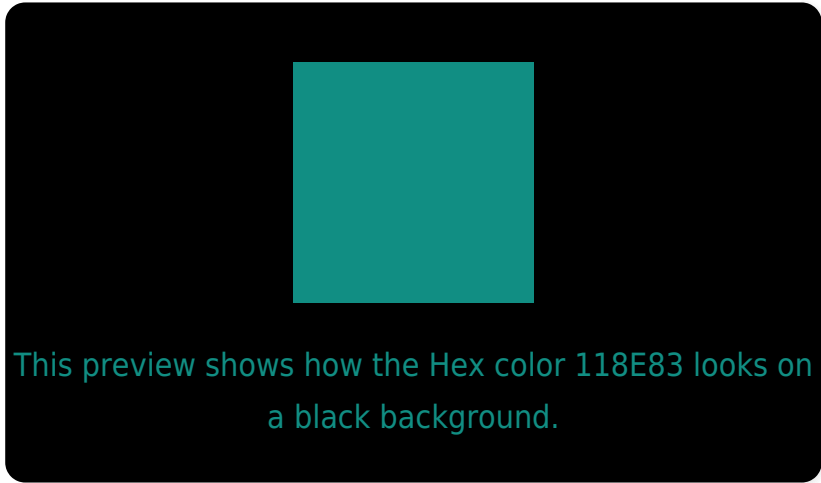
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

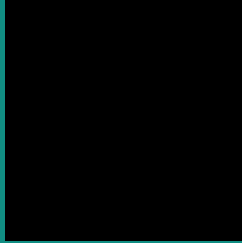
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 118E83 Background



This preview shows how black text looks on a background with the Hex color 118E83.

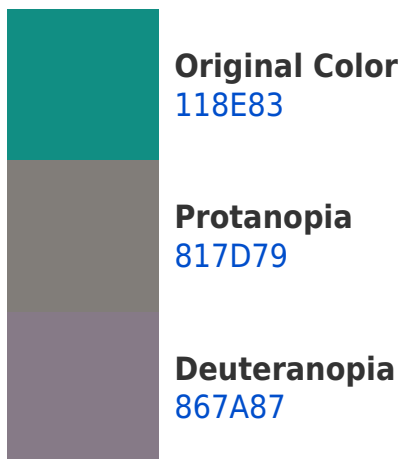


This preview shows how white text looks on a background with the Hex color 118E83.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



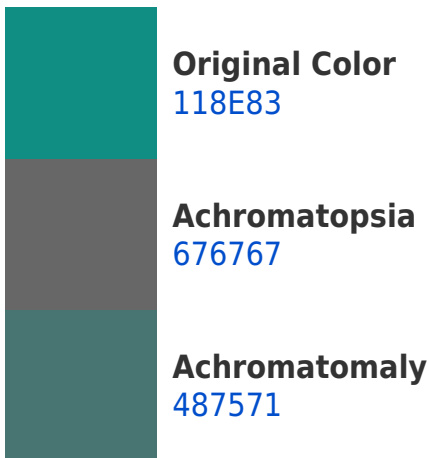


Tritanopia
258B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 118E83 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #118E83 looks like.

```
.text, #text, p{  
    color:#118E83  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #118E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118E83
}
```

Border

The CSS property to change the border of an element to Hex 118E83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#118E83 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#118E83 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #118E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118E83; -webkit-box-shadow:4px 4px  
4px 4px #118E83; box-shadow:4px 4px 4px  
4px #118E83 }
```

Background

The CSS property to change the background color of an element to Hex 118E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118E83 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#118E83 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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